## **Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

## **Listing of Claims:**

1. (previously presented) A process for preparing a compound of formula (I)

$$R^{4}$$
  $N$   $COOR^{6}$   $(I)$ 

where R<sup>4</sup> and R<sup>5</sup> are independently selected from hydrogen, halo, nitro, cyano, hydroxy, fluoromethyl, difluoromethyl, trifluoromethyl, trifluoromethoxy, amino, carboxy, carbamoyl, mercapto, sulphamoyl, ureido, C<sub>1-6</sub>alkyl, C<sub>2-6</sub>alkenyl, C<sub>2-6</sub>alkynyl, C<sub>1-6</sub>alkoxy, C<sub>1-6</sub>alkanoyl, C<sub>1-6</sub>alkanoyloxy, *N*-(C<sub>1-6</sub>alkyl)amino, *N*,*N*-(C<sub>1-6</sub>alkyl)<sub>2</sub>amino, C<sub>1-6</sub>alkanoylamino, *N*-(C<sub>1-6</sub>alkyl)carbamoyl, *N*,*N*-(C<sub>1-6</sub>alkyl)<sub>2</sub>carbamoyl, C<sub>1-6</sub>alkylS(O)<sub>a</sub> wherein a is 0 to 2, C<sub>1-6</sub>alkoxycarbonyl, C<sub>1-6</sub>alkoxycarbonylamino, *N*-(C<sub>1-6</sub>alkyl)sulphamoyl, *N*,*N*-(C<sub>1-6</sub>alkyl)<sub>2</sub>sulphamoyl, C<sub>1-6</sub>alkylsulphonylamino and C<sub>1-6</sub>alkylsulphonyl-*N*-(C<sub>1-6</sub>alkyl)amino; and R<sup>6</sup> is hydrogen or a protecting group, which process comprises cyclisation of a compound of formula (II)

$$R^4$$
 $R^5$ 
 $S$ 
 $CHO$ 
(II)

where R<sup>4</sup>, R<sup>5</sup> and R<sup>6</sup> are as defined in relation to formula (I), and R<sup>7</sup> is a nitrogen protecting group; and removing the group R<sup>7</sup>; and thereafter optionally removing any protecting group R<sup>6</sup>.

2. (currently amended) A method process according to claim 1 wherein R<sup>7</sup> is a group of sub-formula (i)

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where R<sup>8</sup> is a straight chain alkyl group of from 1 to 6 carbon atoms.

3. (original) A process according to claim 1 or claim 2 wherein R<sup>4</sup> and R<sup>5</sup> are independently selected from hydrogen, halo, nitro, cyano, fluoromethyl, difluoromethyl, trifluoromethyl, trifluoromethyl, trifluoromethyl, trifluoromethoxy, carboxy, carbamoyl, sulphamoyl, ureido, C<sub>1-6</sub>alkyl, C<sub>2-6</sub>alkenyl, C<sub>2-6</sub>alkynyl, C<sub>1-6</sub>alkoxy, C<sub>1-6</sub>alkanoyl and C<sub>1-6</sub>alkanoyloxy.

## 4-11 (cancelled)

12. (currently amended) A process according to claim 1, for preparing a compound of formula (I) where R<sup>6</sup> is hydrogen, wherein the method process further comprises the step of reacting the compound of formula (I) obtained with an amine of formula (XIII)

$$\begin{array}{c|c}
R^{14} & R^{15} \\
N & & \\
R^{16} & & \\
R^{16} & & \\
(XIII)
\end{array}$$

where  $R^{14}$  is selected from hydrogen or  $C_{1-8}$ alkyl, m is an integer of from 0 to 4,

each R<sup>15</sup> is the same or different and is selected from hydrogen, halo, nitro, cyano, hydroxy, amino, carboxy, carbamoyl, mercapto, sulphamoyl, ureido, C<sub>1-6</sub>alkyl, C<sub>2-6</sub>alkenyl, C<sub>2-6</sub>alkynyl, C<sub>1-6</sub>alkoxy, C<sub>1-6</sub>alkanoyl, C<sub>1-6</sub>alkanoyloxy, *N*-(C<sub>1-6</sub>alkyl)amino, *N*,*N*-(C<sub>1-6</sub>alkyl)<sub>2</sub>amino, C<sub>1-6</sub>alkanoylamino, *N*-(C<sub>1-6</sub>alkyl)carbamoyl, *N*,*N*-(C<sub>1-4</sub>alkyl)<sub>2</sub>carbamoyl, C<sub>1-6</sub>alkylS(O)<sub>a</sub> wherein a is 0 to 2, C<sub>1-6</sub>alkoxycarbonyl, C<sub>1-6</sub>alkoxycarbonylamino, *N*-(C<sub>1-6</sub>alkyl)sulphamoyl, *N*,*N*-(C<sub>1-6</sub>alkyl)<sub>2</sub>sulphamoyl, C<sub>1-6</sub>alkylsulphonylamino, C<sub>1-6</sub>alkylsulphonyl-*N*-(C<sub>1-6</sub>alkyl)amino, C<sub>3-8</sub>cycloalkyl, C<sub>3-8</sub>cycloalkyl, aryl, arylC<sub>1-6</sub>alkyl, heterocyclic group and (heterocyclic group)C<sub>1-6</sub>alkyl; wherein R<sup>15</sup> may be optionally substituted on carbon by one or more groups selected from P and wherein if said heterocyclic group contains an -NH- moiety that nitrogen may be optionally substituted by a group selected from R;

each  $R^{16}$  is the same or different and is selected from hydrogen or  $C_{1-6}$ alkyl;

R<sup>17</sup> is selected from hydrogen, halo, nitro, cyano, hydroxy, fluoromethyl, difluoromethyl, trifluoromethyl, trifluoromethoxy, amino, carboxy, carbamoyl, mercapto, sulphamoyl, ureido, C<sub>1-6</sub>alkyl, C<sub>2-6</sub>alkenyl, C<sub>2-6</sub>alkynyl, C<sub>1-6</sub>alkoxy, C<sub>1-6</sub>alkanoyl, C<sub>1-6</sub>alkanoyloxy, N-(C<sub>1-6</sub>alkyl)amino, N,N-(C<sub>1-6</sub>alkyl)<sub>2</sub>amino, C<sub>1-6</sub>alkanoylamino, N-(C<sub>1-6</sub>alkyl)carbamoyl,

N,N- $(C_{1-4}alkyl)_2$ carbamoyl, N- $(C_{1-6}alkyl)$ -N- $(C_{1-6}alkoxy)$ carbamoyl,  $C_{1-6}alkylS(O)_a$  wherein a is 0 to 2,  $C_{1-6}alkoxy$ carbonyl,  $C_{1-6}alkoxy$ carbonylamino, N- $(C_{1-6}alkyl)$ sulphamoyl, N,N- $(C_{1-6}alkyl)_2$ sulphamoyl, sulphamoylamino, N- $(C_{1-6}alkyl)$ sulphamoylamino, N,N- $(C_{1-6}alkyl)_2$ sulphamoylamino,  $C_{1-6}alkyl$ sulphonylamino,  $C_{1-6}alkyl$ sulphonylamino,  $C_{1-6}alkyl$ sulphonylamino and a group -E-F-G-H:

wherein E and G are independently selected from a direct bond, -O-, -S-, -SO-, -SO<sub>2</sub>-, -OC(O)-, -C(O)O-, -C(O)-, -NR<sup>a</sup>-, -NR<sup>a</sup>C(O)-, -C(O)NR<sup>a</sup>-, -SO<sub>2</sub>NR<sup>a</sup>-, -NR<sup>a</sup>SO<sub>2</sub>-, -NR<sup>a</sup>C(O)NR<sup>b</sup>-, -OC(O)NR<sup>a</sup>-, -NR<sup>a</sup>C(O)O-, -NR<sup>a</sup>SO<sub>2</sub>NR<sup>b</sup>-, -SO<sub>2</sub>NR<sup>a</sup>C(O)- and -C(O)NR<sup>a</sup>SO<sub>2</sub>-; wherein R<sup>a</sup> and R<sup>b</sup> are independently selected from hydrogen or C<sub>1-6</sub>alkyl which is optionally substituted by a group V;

F is C<sub>1-6</sub>alkylene optionally substituted by one or more Q or a direct bond;

H is selected from aryl, C<sub>3-8</sub>cycloalkyl and heterocyclic groups; wherein H may be optionally substituted on carbon by one or more groups selected from S and wherein if said heterocyclic group contains an -NH- moiety that nitrogen may be optionally substituted by a group selected from T;

P, S and Q are independently selected from halo, nitro, cyano, hydroxy, trifluoromethyl,

- trifluoromethoxy, amino, carboxy, carbamoyl, mercapto, sulphamoyl, ureido, C<sub>1-6</sub>alkyl, C<sub>2-6</sub>alkenyl, C<sub>2-6</sub>alkynyl, C<sub>1-6</sub>alkoxy, C<sub>1-6</sub>alkanoyl, C<sub>1-6</sub>alkanoyloxy, *N*-(C<sub>1-6</sub>alkyl)amino, *N*,*N*-(C<sub>1-6</sub>alkyl)<sub>2</sub>amino, C<sub>1-6</sub>alkanoylamino, *N*-(C<sub>1-6</sub>alkyl)carbamoyl, *N*,*N*-(C<sub>1-6</sub>alkyl)<sub>2</sub>carbamoyl, *N*-(C<sub>1-6</sub>alkyl)-*N*-(C<sub>1-6</sub>alkoxy)carbamoyl, C<sub>1-6</sub>alkylS(O)<sub>a</sub> wherein a is 0 to 2, C<sub>1-6</sub>alkoxycarbonyl, C<sub>1-6</sub>alkoxycarbonylamino, *N*-(C<sub>1-6</sub>alkyl)sulphamoyl, *N*,*N*-(C<sub>1-6</sub>alkyl)<sub>2</sub>sulphamoyl, C<sub>1-6</sub>alkylsulphonylamino, C<sub>1-6</sub>alkylsulphonyl-*N*-(C<sub>1-6</sub>alkyl)amino, C<sub>3-8</sub>cycloalkyl, aryl and heterocyclic group; wherein P, S and Q may be optionally and independently substituted on carbon by one or more groups selected from V and wherein if said heterocyclic group contains an -NH- moiety that nitrogen may be optionally substituted by a group selected from U;
- V is selected from halo, nitro, cyano, hydroxy, trifluoromethoxy, trifluoromethyl, amino, carboxy, carbamoyl, mercapto, sulphamoyl, methyl, ethyl, methoxy, ethoxy, acetyl, acetoxy, methylamino, ethylamino, dimethylamino, diethylamino, *N*-methyl-*N*-ethylamino, acetylamino, *N*-methylcarbamoyl, *N*-ethylcarbamoyl, *N*,*N*-dimethylcarbamoyl, *N*,*N*-diethylcarbamoyl, *N*-methyl-*N*-ethylcarbamoyl, methylthio, ethylthio, methylsulphinyl, ethylsulphinyl, mesyl, ethylsulphonyl, methoxycarbonyl, ethoxycarbonyl, *N*-methylsulphamoyl, *N*-ethylsulphamoyl, *N*,*N*-dimethylsulphamoyl,

*N,N*-diethylsulphamoyl, *N*-methyl-*N*-ethylsulphamoyl, morpholino, morpholinocarbonyl, *N*- benzylcarbamoyl, and 4-hydroxypiperidinocarbonyl;

R, T and U are independently selected from C<sub>1-4</sub>alkyl, C<sub>1-4</sub>alkanoyl, C<sub>1-4</sub>alkylsulphonyl, C<sub>1-4</sub>alkoxycarbonyl, carbamoyl, *N*-(C<sub>1-4</sub>alkyl)carbamoyl, *N*,*N*-(C<sub>1-4</sub>alkyl)carbamoyl, phenyl, benzyl, benzyloxycarbonyl, benzoyl and phenylsulphonyl wherein R, T and U may be optionally and independently substituted on carbon by one or more groups selected from V:

producing a compound of formula (XIV)

$$\begin{array}{c|c}
R^4 & H & R^{14} & R^{15} \\
\hline
 & N & R^{16} & R^{17} \\
\hline
 & O & (XIV)
\end{array}$$

where R<sup>4</sup>, R<sup>5</sup>, R<sup>15</sup>, R<sup>16</sup>, R<sup>17</sup> and m are as defined above, or a pharmaceutically acceptable salt or an *in vivo* hydrolysable ester thereof.

13-15. (cancelled)